



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3015-3

Job Sheet 182555



Part No: D3015-3

Job Qty: 150 ea

Part Name: Locknut



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/28/18

Job Tracking No:

Due Date: 9/17/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP: A 01.06.28 New Issue SM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	150 pcs		9/17/18	0.00	0.00	Purchasing		SEP 04 2018
110	Packaging	150 pcs		9/17/18	0.00	0.00	Packaging2		SEP 04 2018
120	QC	150 pcs		9/17/18	0.00	0.00	QC6		SEP 07 2018
130	Packaging	150 pcs		9/17/18	0.00	0.00	Packaging3-1		SEP 11 2018
140	QC21-SA	150 Ea		9/17/18	0.00	0.00	QC21		

Part Op 100 - Issue P/O: 40884 Possible Supplier: Acklands P/N: PFS LNNC516S1

Descriptions: 110 - Ensure Material Release Note is attached

140 - Possible Supplier: Main Industrial P/N: PFS LNNC516S1 D3015-3

AUG 29 2018

9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
PFS-LNNC516S1	Lock Nut D3015-3	150 Ea (1 ea)	100-Purchasing	5107583

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	PFS-LNNC516S1	150	50	0

Part Specifications

Specifications could not be found.

Plex 8/28/18 10:17 AM Dart.lajeunesse.marie



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S107592



Part: D3015-3

Job No: 182555

Serial No/Batch: S107592

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 09/04/18

DQA: _____ Date: _____



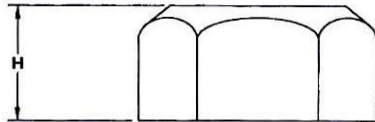
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

SPECIFICATION CONTROL DRAWING



D3015-X LOCKNUT

PART NUMBER	SIZE	HEIGHT H	POSSIBLE SUPPLIER
D3015-1	1/4-20 UNC	0.31	ACKLANDS, P/N PFSLNNC14S1
D3015-3	5/16-18 UNC	0.34	ACKLANDS, P/N PFSLNNC516S1
D3015-5	7/16-14 UNC	0.46	ACKLANDS, P/N PFSLNNC716S1
D3015-7	M5	0.19	ACKLANDS, P/N FLMN021-005-0000



RELEASED
09/07/15

NOTES:

- 1) MATERIAL: SS LOCKNUT WITH NYLON INSERT
- 2) FINISH: N/A
- 3) TOLERANCES: ALL DIMENSIONS SHOWN AS REFERENCE
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

C	REFORMAT DWG. -7 P/N NOW FLMN021-005-0000 WAS LNNMSS1 (ZN B8-1), PAR 09-020	CP	09.07.08
B	ADD D3015-7	KJ	03.07.15
A	NEW ISSUE	DS	01.05.03
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. D3015	REV. C SHEET 1 OF 1
MFG. APPR.		TITLE LOCKNUT	SCALE NTS
APPROVED		COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY OTHER PUBLISHED OR UNPUBLISHED FORM WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DE APPR.			
DATE	09.07.08		



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040884**

Supplier: MAI001-VC
Main Industrial Sales Ltd.
1475, Tessier
Hawkesbury
ON
K6A 3S6 Canada
Phone: 613 632 3595
Fax: 613 632 0262

PO No: PO040884

PO Date: 8/29/18

Due Date: 8/31/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavole, Chantal
Phone: clavoie@dartaero.com

E-MAILED
AUG 29 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		5/16-18-015C		SS Bolt 5/16-181.5"	Firmed	-	8/31/18	200 Ea	0 Ea	200 Ea	\$0.266/Ea	\$53.20
2		7/16-14-050C		SS Bolt 7/16 5" Long	Firmed	-	8/31/18	50 pcs	0 pcs	50 pcs	\$1.42/pcs	\$71.00
3	182652	6900ZZ		Bearing D3121-23	Firmed	-	8/31/18	50 pcs	0 pcs	50 pcs	\$1.62/pcs	\$81.00
4	182555	PFS-LNNC5/16S1		Lock Nut D3015-3	Firmed	-	8/31/18	150 Ea	0 Ea	150 Ea	\$0.10/Ea	\$15.00
5	182556	PFS-LNNC7/16S1		SS Nylock Nut 7/16 receive ea	Firmed	-	8/31/18	100 Ea	0 Ea	100 Ea	\$0.282/Ea	\$28.20
6		RBE-350INCLINOMETER	YA328A	Inclinometer	Firmed	-	9/13/18	3 Ea	0 Ea	3 Ea	\$69.53/Ea	\$208.59

Grand Total: \$456.99

Order Notes

CL

Order Notes**Procurement Quality Clauses**

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

~~A020 CERTIFICATION OF MATERIAL CONFORMANCE~~

A032 DOCUMENT SPECIAL REQUIREMENTS

~~A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS~~

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/29/18 1:23 PM dart.lavoie.chantal

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE August 30, 2018
NUMBER 0000226279
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

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P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
40884	EB	30-Aug-18		0000226279
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK / LOCAL	NET 30 DAYS		
PART NUMBER DESCRIPTION	UOM	REQ.	SHIPPED	B.O.
0-516X112CHBSS ✓ 5/16-1 X 1 1/2 18-8 HEX BOLTS YOUR PART: 5/16-18-015C DELIVERY: 190PCS @ 31/08/18 BALANCE 06/09/18	EA	200	190 ✓	10
0-716X5CHBSS ✓ 7/16-14 x 5" HEX BOLTS 18-8 STAINLESS YOUR PART #: 7/16-14-050C DELIVERY: 31/08/18	EA	50	50 ✓	
0-69002ZKML ✓ KML BALL BEARING ✓ YOUR PART #: 6900ZZ DELIVERY: 31/08/18	EA	50	50 ✓	
0-516CNLNSS ✓ 5/16-18 18-8 NYLON LOCKNUT ✓ YOUR PART #: PFS-LNNC5/16S1 DELIVERY: 31/08/18	EA	150	150 ✓	
0-716CNLNSS ✓ 7/16-14 STAINLESS NYLON LOCKNUT ✓ YOUR PART #: PFS-LNNC7/16S1 DELIVERY: 31/08/18	EA	100	100 ✓	
0-YA328A SNAP ON ANGLE LOCATOR	EA	3		3

DAS
38
9-89

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F.O.B.	SHIP VIA		TERMS	
F.O.B. value	OUR TRUCK / LOCAL		NET 30 DAYS	
PART NUMBER DESCRIPTION		UOM	QUANTITY REQ. SHIPPED B.O.	
DELIVERY: 06/09/18 THANKS ERIC				